

Anti-PROX1 antibody [EPR3128(2)] ab124910

重组 RabMAb

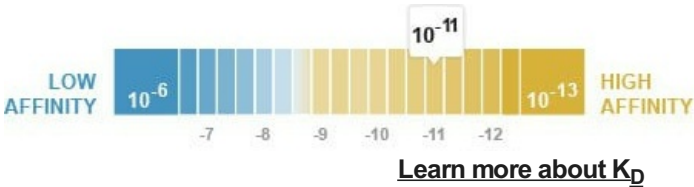
1 Abreviews 3 图像

概述

产品名称	Anti-PROX1抗体[EPR3128(2)]
描述	兔单克隆抗体[EPR3128(2)] to PROX1
宿主	Rabbit
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF, IHC-P or IP
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HepG2 and SHSY-5Y cell lysates
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解离常数 (K _D)	K _D = 1.20 x 10 ⁻¹¹ M



存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR3128(2)
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab124910于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/10000. Detects a band of approximately 95 kDa (predicted molecular weight: 83 kDa).

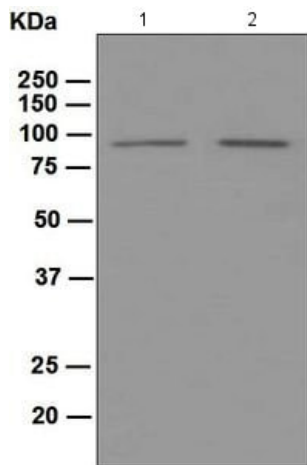
应用说明

Is unsuitable for Flow Cyt,ICC/IF,IHC-P or IP.

靶标

功能	Transcription factor involved in developmental processes such as cell fate determination, gene transcriptional regulation and progenitor cell regulation in a number of organs. Plays a critical role in embryonic development and functions as a key regulatory protein in neurogenesis and the development of the heart, eye lens, liver, pancreas and the lymphatic system. Involved in the regulation of the circadian rhythm. Represses: transcription of the retinoid-related orphan receptor RORG, transcriptional activator activity of RORA and RORG and the expression of RORA/G-target genes including core clock components: ARNTL/BMAL1, NPAS2 and CRY1 and metabolic genes: AVPR1A and ELOVL3.
组织特异性	Most actively expressed in the developing lens. Detected also in embryonic brain, lung, liver and kidney. In adult, it is more abundant in heart and liver than in brain, skeletal muscle, kidney and pancreas.
序列相似性	Belongs to the Prospero homeobox family. Contains 1 Prospero-type homeobox DNA-binding domain.
结构域	The prospero-type homeobox DNA-binding domain is essential for repression of RORG transcriptional activator activity.
细胞定位	Nucleus. RORG promotes its nuclear localization.
形式	Prox1 is a specific and required regulator of the development of the lymphatic system and that the vascular and lymphatic systems develop independently. Sox18 directly activates Prox1 transcription by binding to its proximal promoter.

图片



Western blot - Anti-PROX1 antibody [EPR3128(2)]
(ab124910)

All lanes : Anti-PROX1 antibody [EPR3128(2)] (ab124910) at
1/1000 dilution

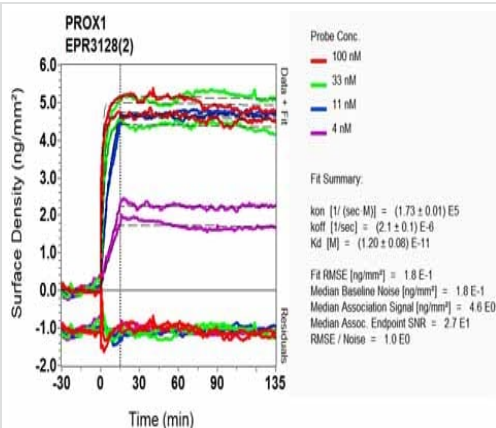
Lane 1 : HepG2 cell lysate

Lane 2 : SHSY-5Y cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 83 kDa

Observed band size: 95 kDa



Ox-LD Scanning - Anti-PROX1 antibody
[EPR3128(2)] (ab124910)

Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Why choose a
recombinant antibody?



**Research with
confidence**
Consistent and
reproducible results



**Long-term and
scalable supply**
Recombinant
technology



**Success from the
first experiment**
Confirmed
specificity



**Ethical standards
compliant**
Animal-free
production

Anti-PROX1 antibody [EPR3128(2)] (ab124910)

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